

**WEST**[Help](#)[Logout](#)[Interrupt](#)[Main Menu](#)[Search Form](#)[Posting Counts](#)[Show S Numbers](#)[Edit S Numbers](#)[Preferences](#)[Cases](#)**Search Results -**

Term	Documents
5.CLM..USPT,PGPB.	0
(L5.CLM.).USPT,PGPB.	0

**Database:**

US Patents Full-Text Database  
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**Search:**

L6

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result set

*DB=USPT,PGPB; PLUR=YES; OP=ADJ*

<u>L6</u>	L5.clm.	0	<u>L6</u>
<u>L5</u>	(lm609 or alphav or alphavbeta3 or vitaxin)same (breast)	14	<u>L5</u>
<u>L4</u>	(lm609 or alphav or alphavbeta3 or vitaxin) and breast	163	<u>L4</u>
<u>L3</u>	L2 and breast	3	<u>L3</u>
<u>L2</u>	L1 and (lm609 or alphav or alphavbeta3 or vitaxin)	3	<u>L2</u>
<u>L1</u>	brooks-peter\$	41	<u>L1</u>

END OF SEARCH HISTORY

**WEST**[Generate Collection](#)[Print](#)**Search Results - Record(s) 1 through 3 of 3 returned.**☐ 1. Document ID: US 6500924 B1

L3: Entry 1 of 3

File: USPT

Dec 31, 2002

US-PAT-NO: 6500924

DOCUMENT-IDENTIFIER: US 6500924 B1

TITLE: Methods and compositions useful for inhibition of angiogenesis

DATE-ISSUED: December 31, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
<u>Brooks; Peter C.</u>	Hollywood	CA		
Cheresh; David A.	Encinitas	CA		
Silletti; Steven A.	San Diego	CA		

US-CL-CURRENT: 530/350; 435/975, 530/300, 530/382

<a href="#">Full</a>	<a href="#">Title</a>	<a href="#">Citation</a>	<a href="#">Front</a>	<a href="#">Review</a>	<a href="#">Classification</a>	<a href="#">Date</a>	<a href="#">Reference</a>	<a href="#">Sequences</a>	<a href="#">Attachments</a>	<a href="#">Claims</a>	<a href="#">KWIC</a>	<a href="#">Draw Desc</a>	<a href="#">Image</a>
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☐ 2. Document ID: US 5766591 A

L3: Entry 2 of 3

File: USPT

Jun 16, 1998

US-PAT-NO: 5766591

DOCUMENT-IDENTIFIER: US 5766591 A

TITLE: Methods and compositions useful for inhibition of angiogenesis

DATE-ISSUED: June 16, 1998

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
<u>Brooks; Peter</u>	San Diego	CA		
Cheresh; David A.	Cardiff	CA		

US-CL-CURRENT: 424/184.1; 424/185.1, 424/277.1, 530/300, 530/350, 530/380, 530/381, 530/382

<a href="#">Full</a>	<a href="#">Title</a>	<a href="#">Citation</a>	<a href="#">Front</a>	<a href="#">Review</a>	<a href="#">Classification</a>	<a href="#">Date</a>	<a href="#">Reference</a>	<a href="#">Sequences</a>	<a href="#">Attachments</a>	<a href="#">Claims</a>	<a href="#">KWIC</a>	<a href="#">Draw Desc</a>	<a href="#">Image</a>
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☐ 3. Document ID: US 5753230 A

L3: Entry 3 of 3

File: USPT

May 19, 1998

US-PAT-NO: 5753230

DOCUMENT-IDENTIFIER: US 5753230 A

TITLE: Methods and compositions useful for inhibition of angiogenesis

DATE-ISSUED: May 19, 1998

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
<u>Brooks; Peter</u>	San Diego	CA		
Cheresh; David A.	Cardiff	CA		

US-CL-CURRENT: 424/158.1; 424/143.1, 424/145.1, 424/155.1, 424/174.1, 530/388.22,  
530/388.24, 530/388.25, 530/388.8

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KWIC	Draw Desc	Image
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Term	Documents
BREAST.USPT,PGPB.	28243
BREASTS.USPT,PGPB.	2456
(2 AND BREAST).USPT,PGPB.	3
(L2 AND BREAST).USPT,PGPB.	3

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(L5.CLM.).USPT,PGPB.	0

Database: 
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 JPO Abstracts Database  
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 Derwent World Patents Index  
 IBM Technical Disclosure Bulletins

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result set

*DB=USPT,PGPB; PLUR=YES; OP=ADJ*

<u>L6</u>	L5.clm.	0	<u>L6</u>
<u>L5</u>	(lm609 or alphav or alphavbeta3 or vitaxin)same (breast)	14	<u>L5</u>
<u>L4</u>	(lm609 or alphav or alphavbeta3 or vitaxin) and breast	163	<u>L4</u>
<u>L3</u>	L2 and breast	3	<u>L3</u>
<u>L2</u>	L1 and (lm609 or alphav or alphavbeta3 or vitaxin)	3	<u>L2</u>
<u>L1</u>	brooks-peter\$	41	<u>L1</u>

END OF SEARCH HISTORY

[Generate Collection](#)[Print](#)**Search Results - Record(s) 1 through 10 of 14 returned.**

- 
- ☐ 1. [20030035790](#). 07 Jun 02. 20 Feb 03. Combination therapy for the prevention or treatment of cancer, inflammatory disorders or infectious diseases in a subject. Chen, Shu-Hsia, et al. 424/85.2; 424/143.1 514/44 A61K048/00 A61K038/20 A61K039/395.
- 
- ☐ 2. [20030022221](#). 09 Jul 02. 30 Jan 03. Isolated human secreted proteins, nucleic acid molecules encoding human secreted proteins, and uses thereof. Langit, Emanuel, et al. 435/6; 435/183 435/320.1 435/325 435/69.1 530/350 536/23.2 C12Q001/68 C07H021/04 C12N009/00 C12P021/02 C12N005/06 C07K014/435.
- 
- ☐ 3. [20020155115](#). 14 Mar 01. 24 Oct 02. Novel proteins and nucleic acids encoding same. Vernet, Corine A.M., et al. 424/155.1; 435/320.1 435/325 435/6 435/7.23 536/23.1 C12Q001/68 G01N033/574 C07H021/04 A61K039/395.
- 
- ☐ 4. [20020025510](#). 26 Jul 01. 28 Feb 02. Screening methods based on superactivated alpha V beta 3 integrin. Strongin, Alex Y., et al. 435/4; 435/226 435/6 C12Q001/00 C12Q001/68 C12N009/64.
- 
- ☐ 5. [20010037016](#). 15 Dec 00. 01 Nov 01. Methods and compositions for screening for angiogenesis modulating compounds. Ning, Zhang, et al. 536/23.1; C07H021/02 C07H021/04.
- 
- ☐ 6. [6521593](#). 21 Jan 00; 18 Feb 03. Methods for inhibiting brain tumor growth. Laug; Walter E.. 514/9; 530/317. A61K038/12.
- 
- ☐ 7. [6500924](#). 23 Mar 99; 31 Dec 02. Methods and compositions useful for inhibition of angiogenesis. Brooks; Peter C., et al. 530/350; 435/975 530/300 530/382. C07K001/00 A61K038/00 A01N037/18 G01N033/53.
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- ☐ 8. [6448390](#). 20 May 99; 10 Sep 02. Stable envelope proteins for retroviral, viral and liposome vectors and use in gene drug therapy. Albritton; Lorraine Moore, et al. 536/23.72; 435/235.1 536/23.1. C07H021/04 C07H021/02 C12N007/00.
- 
- ☐ 9. [6306819](#). 30 Oct 98; 23 Oct 01. Method for regulating size of vascularized normal tissue. Rupnick; Maria, et al. 514/2; 514/12 514/450 514/475. A61K038/00 A61K038/02 A61K031/335.
- 
- ☐ 10. [5766591](#). 30 Dec 94; 16 Jun 98. Methods and compositions useful for inhibition of angiogenesis. Brooks; Peter, et al. 424/184.1; 424/185.1 424/277.1 530/300 530/350 530/380 530/381 530/382. A61K039/00 C07K007/00 C07K014/705 C07K014/745.
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Term	Documents
LM609.USPT,PGPB.	102
LM609S	0
ALPHAV.USPT,PGPB.	15
ALPHAVS	0
ALPHAVBETA3.USPT,PGPB.	17
ALPHAVBETA3S	0
VITAXIN.USPT,PGPB.	133
VITAXINS	0
BREAST.USPT,PGPB.	28243
BREASTS.USPT,PGPB.	2456
((ALPHAVBETA3 OR ALPHAV OR VITAXIN OR LM609) SAME BREAST).USPT,PGPB.	14
((LM609 OR ALPHAV OR ALPHAVBETA3 OR VITAXIN)SAME (BREAST)).USPT,PGPB.	14

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**Search Results - Record(s) 11 through 14 of 14 returned.**

☐ 11. 5753230. 18 Mar 94; 19 May 98. Methods and compositions useful for inhibition of angiogenesis. Brooks; Peter, et al. 424/158.1; 424/143.1 424/145.1 424/155.1 424/174.1 530/388.22 530/388.24 530/388.25 530/388.8. A61K039/395 A61K049/00 C87K016/28 C07K016/18.

☐ 12. 5527805. 21 Jan 94; 18 Jun 96. Dynemicin analogs: syntheses, methods of preparation and use. Smith; Adrian L., et al. 514/280; 514/279 546/37 546/41 546/47 549/415. A61K031/44 C07D471/02 C07D315/00.

☐ 13. 5281710. 01 Sep 92; 25 Jan 94. Dynemicin analogs: synthesis, methods of preparation and use. Smith; Adrian L., et al. 546/18; 536/16.8 536/17.2 536/17.5 536/17.6 536/17.9 546/14 546/34 546/39 546/43. C07D491/00 A61K031/70 A61K031/44 C07H015/04.

☐ 14. 5276159. 21 May 92; 04 Jan 94. Dynemicin analogs: syntheses, methods of preparation and use. Smith; Adrian L., et al. 548/147; 546/43 549/415. C07D277/60.

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Term	Documents
LM609.USPT,PGPB.	102
LM609S	0
ALPHAV.USPT,PGPB.	15
ALPHAVS	0
ALPHAVBETA3.USPT,PGPB.	17
ALPHAVBETA3S	0
VITAXIN.USPT,PGPB.	133
VITAXINS	0
BREAST.USPT,PGPB.	28243
BREASTS.USPT,PGPB.	2456
((ALPHAVBETA3 OR ALPHAV OR VITAXIN OR LM609) SAME BREAST).USPT,PGPB.	14
((LM609 OR ALPHAV OR ALPHAVBETA3 OR VITAXIN)SAME (BREAST)).USPT,PGPB.	14

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\$0.00 0.079 DialUnits File410  
\$0.00 Estimated cost File410  
\$0.03 TELNET  
\$0.03 Estimated cost this search  
\$0.37 Estimated total session cost 0.177 DialUnits

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Set	Items	Description
?	s	(alphavbeta3 or lm609 or vitaxin) and (breast)
	2387	ALPHAVBETA3
	266	LM609
	103	VITAXIN
	473196	BREAST
S1	114	(ALPHAVBETA3 OR LM609 OR VITAXIN) AND (BREAST)
? rd	s1	
...	examined	50 records (50)
...	examined	50 records (100)
...	completed	examining records
S2	79	RD S1 (unique items)
? t	s2/3/all	

2/3/1 (Item 1 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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14108564 BIOSIS NO.: 200300102593  
Mechanisms of bisphosphonate effects on osteoclasts, tumor cell growth, and  
metastasis.  
AUTHOR: Green Jonathan R(a); Clezardin Philippe  
AUTHOR ADDRESS: (a)Novartis Pharma AG, CH-4002, WKL-125.901 Postfach,  
Basel, Switzerland\*\*Switzerland  
JOURNAL: American Journal of Clinical Oncology 25 (6 Supplement 1):pS3-S9  
December 2002 2002  
MEDIUM: print  
ISSN: 0277-3732  
DOCUMENT TYPE: Literature Review  
RECORD TYPE: Abstract  
LANGUAGE: English

2/3/2 (Item 2 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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14086656 BIOSIS NO.: 200300080685



Pro-angiogenic activities of CYR61 (CCN1) mediated through integrins **alphavbeta3** and **alpha6beta1** in human umbilical vein endothelial cells.

AUTHOR: Leu Shr-Jeng(a); Lau Lester F(a)

AUTHOR ADDRESS: (a)Univ of Illinois at Chicago, Chicago, IL, USA\*\*USA

JOURNAL: Circulation 106 (19 Supplement):pII-276 November 5 2002 2002

MEDIUM: print

CONFERENCE/MEETING: Abstracts from Scientific Sessions Chicago, IL, USA  
November 17-20, 2002

SPONSOR: American Heart Association

ISSN: 0009-7322

RECORD TYPE: Citation

LANGUAGE: English

2/3/3 (Item 3 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

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13955455 BIOSIS NO.: 200200584276

Overexpression of the angiogenic factor CYR61 protects human **breast** cancer cells from taxol-induced cell death: Involvement of the **alphavbeta3**/focal adhesion kinase/phosphatidylinositol 3'-kinase/AKT kinase pathway.

AUTHOR: Menendez Javier A(a); Mehmi Inderjit(a); Atlas Ella(a); Tsai Miaw-Sheue; Griggs David; Lupu Ruth(a)

AUTHOR ADDRESS: (a)Department of Medicine, Evanston Northwestern Healthcare Research Institute, Evanston, IL\*\*USA

JOURNAL: International Journal of Molecular Medicine 10 (Supplement 1):p S99 2002

MEDIUM: print

CONFERENCE/MEETING: 7th World Congress on Advances in Oncology and the 5th International Symposium on Molecular Medicine Hersonissos, Crete, Greece  
October 10-12, 2002

ISSN: 1107-3756

RECORD TYPE: Citation

LANGUAGE: English

2/3/4 (Item 4 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

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13812687 BIOSIS NO.: 200200441508

Cilengitide targeting of **alphavbeta3** integrin receptor synergizes with radioimmunotherapy to increase efficacy and apoptosis in **breast** cancer xenografts.

AUTHOR: Burke Patricia A; DeNardo Sally J(a); Miers Laird A; Lamborn Kathleen R; Matzku Siegfried; DeNardo Gerald L

AUTHOR ADDRESS: (a)Molecular Cancer Institute, 1508 Alhambra Boulevard, Suite 3100, Sacramento, CA, 95816\*\*USA E-Mail: sjdenardo@ucdavis.edu

JOURNAL: Cancer Research 62 (15):p4263-4272 August 1, 2002

MEDIUM: print

ISSN: 0008-5472

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English

2/3/5 (Item 5 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

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13812442 BIOSIS NO.: 200200441263

Integrin **alphavbeta3** expression confers on tumor cells a greater propensity to metastasize to bone.

AUTHOR: Pecheur Isabelle; Peyruchaud Olivier; Serre Claire-Marie; Guglielmi Julien; Volland Carole; Bourre Francois; Margue Christiane; Cohen-Solal Martine; Buffet Annie; Kieffer Nelly; Clezardin Philippe(a)

AUTHOR ADDRESS: (a)Faculty of Medicine Laennec, INSERM Research Unit 403, Rue Guillaume Paradin, 69372, Lyon Cedex 08\*\*France E-Mail: clezardin@lyon151.inserm.fr

JOURNAL: FASEB Journal 16 (10):p1266-1268 August, 2002

MEDIUM: print

ISSN: 0892-6638

DOCUMENT TYPE: Article

RECORD TYPE: Citation

LANGUAGE: English

2/3/6 (Item 6 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

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13744731 BIOSIS NO.: 200200373552

The role of **alphavbeta3** in prostate cancer progression.

AUTHOR: Cooper Carlton R(a); Chay Christopher H; Pienta Kenneth J

AUTHOR ADDRESS: (a)Department of Internal Medicine, University of Michigan Comprehensive Cancer Center, 1500 East Medical Center Drive, Ann Arbor, MI, 48109-0946\*\*USA E-Mail: cacooper@umich.edu

JOURNAL: Neoplasia (New York) 4 (3):p191-194 May-June, 2002

MEDIUM: print

ISSN: 1522-8002

DOCUMENT TYPE: Literature Review

RECORD TYPE: Abstract

LANGUAGE: English

2/3/7 (Item 7 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

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13627086 BIOSIS NO.: 200200255907

Processing of integrin **alphav** subunit by membrane type 1 matrix metalloproteinase stimulates migration of **breast** carcinoma cells on vitronectin and enhances tyrosine phosphorylation of focal adhesion kinase.

AUTHOR: Deryugina Elena I; Ratnikov Boris I; Postnova Tanya I; Rozanov Dmitri V; Strongin Alex Y(a)

AUTHOR ADDRESS: (a)Burnham Institute, 10901 North Torrey Pines Rd., La Jolla, CA, 92037\*\*USA E-Mail: strongin@burnham.org

JOURNAL: Journal of Biological Chemistry 277 (12):p9749-9756 March 22, 2002

MEDIUM: print

ISSN: 0021-9258

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English

2/3/8 (Item 8 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

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13612761 BIOSIS NO.: 200200241582

Identification of heat shock protein 60 as a molecular mediator of **alpha3beta1** integrin activation.

AUTHOR: Barazi Heba O; Zhou Longen; Templeton Nancy Smyth; Kruttsch Henry C

; Roberts David D(a)  
AUTHOR ADDRESS: (a)NIH, 10 Center Drive, Building 10 Room 2A33, MSC 1500,  
Bethesda, MD, 20892-1500\*\*USA E-Mail: droberts@helix.nih.gov  
JOURNAL: Cancer Research 62 (5):p1541-1548 March 1, 2002  
MEDIUM: print  
ISSN: 0008-5472  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

2/3/9 (Item 9 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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13588872 BIOSIS NO.: 200200217693  
An alternative processing of integrin alphav subunit in tumor cells by  
membrane type-1 matrix metalloproteinase.  
AUTHOR: Ratnikov Boris I; Rozanov Dmitri V; Postnova Tanya I; Baciu Peter G  
; Zhang Heying; DiScipio Richard G; Chestukhina Galina G; Smith Jeffrey W  
; Deryugina Elena I; Strongin Alex Y(a)  
AUTHOR ADDRESS: (a)The Burnham Institute, 10901 N. Torrey Pines Rd., La  
Jolla, CA, 92037\*\*USA E-Mail: strongin@burnham.org  
JOURNAL: Journal of Biological Chemistry 277 (9):p7377-7385 March 1, 2002  
MEDIUM: print  
ISSN: 0021-9258  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

2/3/10 (Item 10 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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13576994 BIOSIS NO.: 200200205815  
Combined modality radioimmunotherapy: Promise and peril.  
AUTHOR: Burke Patricia A; DeNardo Sally J(a); Miers Laird A; Kukis David L;  
DeNardo Gerald L  
AUTHOR ADDRESS: (a)Molecular Cancer Institute, University of California,  
Davis Medical Center, 1508 Alhambra Boulevard, Room 3100, Sacramento, CA,  
95816\*\*USA E-Mail: sjdenardo@ucdavis.edu  
JOURNAL: Cancer 94 (4 Supplement):p1320-1331 February 15, 2002  
MEDIUM: print  
ISSN: 0008-543X  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

2/3/11 (Item 11 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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13440281 BIOSIS NO.: 200200069102  
Simultaneous inhibition of glioma angiogenesis, cell proliferation, and  
invasion by a naturally occurring fragment of human metalloproteinase-2.  
AUTHOR: Bello Lorenzo; Lucini Valeria; Carrabba Giorgio; Giussani Carlo;  
Machluf Marcelle; Pluderi Mauro; Nikas Demetrios; Zhang Jianping; Tomei  
Giustino; Villani Roberto M; Carroll Rona S(a); Bikfalvi Andreas; Black  
Peter M  
AUTHOR ADDRESS: (a)Brigham and Women's Hospital, 221 Longwood Avenue, Room  
121, Boston, MA, 02115\*\*USA E-Mail: rcarroll@rics.bwh.harvard.edu  
JOURNAL: Cancer Research 61 (24):p8730-8736 December 15, 2001

MEDIUM: print  
ISSN: 0008-5472  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

2/3/12 (Item 12 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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13393245 BIOSIS NO.: 200200022066  
The blockade of integrin **alphavbeta3** for prevention of bone metastasis (BM) of human **breast** cancer.  
AUTHOR: Doi Masakazu(a); Ishii Seiichiro; Takayama Shin; Ikeda Tadashi; Masamura Shigeru; Kitajima Masaki  
AUTHOR ADDRESS: (a)Kawasaki City Hospital, Kawasaki\*\*Japan  
JOURNAL: Proceedings of the American Association for Cancer Research Annual Meeting 42p796 March, 2001  
MEDIUM: print  
CONFERENCE/MEETING: 92nd Annual Meeting of the American Association for Cancer Research New Orleans, LA, USA March 24-28, 2001  
ISSN: 0197-016X  
RECORD TYPE: Citation  
LANGUAGE: English

2/3/13 (Item 13 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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13261532 BIOSIS NO.: 200100468681  
Anti-metastatic efficacy mediated by peptidomimetic **alphaVbeta3** integrin antagonists in orthotopic and experimental models.  
AUTHOR: Griggs David William(a); Shannon Kristen E(a); Keene Jeffery L(a); Settle Steven L(a); Duffin Tiffany D(a); Nickols Maureen A(a); Schroeter Sally(a); Nickols G Allen(a); Westlin William F(a)  
AUTHOR ADDRESS: (a)Pharmacia Discovery Research, Saint Louis, MO\*\*USA  
JOURNAL: Proceedings of the American Association for Cancer Research Annual Meeting 42p263 March, 2001  
MEDIUM: print  
CONFERENCE/MEETING: 92nd Annual Meeting of the American Association for Cancer Research New Orleans, LA, USA March 24-28, 2001  
ISSN: 0197-016X  
RECORD TYPE: Citation  
LANGUAGE: English  
SUMMARY LANGUAGE: English

2/3/14 (Item 14 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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13187246 BIOSIS NO.: 200100394395  
Expression of **alphavbeta3** integrin by **breast** cancer cells increases adhesion and migration response to osteopontin.  
AUTHOR: Furger Kara A(a); Tuck Alan B; Chambers Ann F  
AUTHOR ADDRESS: (a)Department of Pathology and Oncology, University of Western Ontario and London Health Sciences Centre, London, ON\*\*Canada  
JOURNAL: Proceedings of the American Association for Cancer Research Annual Meeting 42p145 March, 2001  
MEDIUM: print  
CONFERENCE/MEETING: 92nd Annual Meeting of the American Association for Cancer Research New Orleans, LA, USA March 24-28, 2001

ISSN: 0197-016X  
RECORD TYPE: Citation  
LANGUAGE: English  
SUMMARY LANGUAGE: English

2/3/15 (Item 15 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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13172097 BIOSIS NO.: 200100379246  
Transforming growth factor-beta induces osteoclast ruffling and chemotaxis:  
Potential role in osteoclast recruitment.  
AUTHOR: Pilkington Mary F; Sims Stephen M; Dixon S Jeffrey(a)  
AUTHOR ADDRESS: (a)Department of Physiology, Faculty of Medicine and  
Dentistry, University of Western Ontario, London, ON, N6A 5C1\*\*Canada  
JOURNAL: Journal of Bone and Mineral Research 16 (7):p1237-1247 July, 2001  
MEDIUM: print  
ISSN: 0884-0431  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English  
SUMMARY LANGUAGE: English

2/3/16 (Item 16 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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13123739 BIOSIS NO.: 200100330888  
Tamoxifen and estrogen effects on TGF-beta formation: Role of  
thrombospondin-1,  $\alpha$ 5 $\beta$ 3, and integrin-associated protein.  
AUTHOR: Harpel John G; Schultz-Cherry Stacey; Murphy-Ullrich Joanne E;  
Rifkin Daniel B(a)  
AUTHOR ADDRESS: (a)Department of Cell Biology, New York University School  
of Medicine, 550 First Avenue, New York, NY, 10016: rifkid01@med.nyu.edu  
\*\*USA  
JOURNAL: Biochemical and Biophysical Research Communications 284 (1):p  
11-14 June 1, 2001  
MEDIUM: print  
ISSN: 0006-291X  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English  
SUMMARY LANGUAGE: English

2/3/17 (Item 17 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2003 BIOSIS. All rts. reserv.

13036760 BIOSIS NO.: 200100243909  
Tumor cell invasion is promoted by activation of protease activated  
receptor-1 in cooperation with the  $\alpha$ 5 $\beta$ 5 integrin.  
AUTHOR: Even-Ram Sharona Cohen; Maoz Miriam; Pokroy Elisheva; Reich Reuven;  
Katz Ben-Zion; Gutwein Paul; Altevogt Peter; Bar-Shavit Rachel(a)  
AUTHOR ADDRESS: (a)Dept. of Oncology, Sharett Inst., Hadassah University  
Hospital, Jerusalem, 91120: barshav@md2.huji.ac.il, rachel  
barshavit@hms.harvard.edu\*\*Israel  
JOURNAL: Journal of Biological Chemistry 276 (14):p10952-10962 April 6,  
2001  
MEDIUM: print  
ISSN: 0021-9258  
DOCUMENT TYPE: Article

RECORD TYPE: Abstract  
LANGUAGE: English  
SUMMARY LANGUAGE: English

2/3/18 (Item 18 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2003 BIOSIS. All rts. reserv.

12977443 BIOSIS NO.: 200100184592  
Integrin activation controls metastasis in human **breast** cancer.  
AUTHOR: Felding-Habermann Brunhilde(a); O'Toole Timothy E; Smith Jeffrey W;  
Fransvea Emilia; Ruggeri Zaverio M; Ginsberg Mark H; Hughes Paul E;  
Pampori Nisar; Shattil Sanford J; Saven Alan; Mueller Barbara M  
AUTHOR ADDRESS: (a)Molecular and Experimental Medicine, The Scripps  
Research Institute, 10550 N. Torrey Pines Road, MEM 175, La Jolla, CA,  
92037: brunie@scripps.edu\*\*USA  
JOURNAL: Proceedings of the National Academy of Sciences of the United  
States of America '98 (4):p1853-1858 February 13, 2001  
MEDIUM: print  
ISSN: 0027-8424  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English  
SUMMARY LANGUAGE: English

2/3/19 (Item 19 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2003 BIOSIS. All rts. reserv.

12933962 BIOSIS NO.: 200100141111  
MT1-MMP initiates activation of pro-MMP-2 and integrin **alphavbeta3**  
promotes maturation of MMP-2 in **breast** carcinoma cells.  
AUTHOR: Deryugina Elena I; Ratnikov Boris; Monosov Edward; Postnova Tanya I  
; DiScipio Richard; Smith Jeffrey W; Strongin Alex Y(a)  
AUTHOR ADDRESS: (a)The Burnham Institute, 10901 North Torrey Pines Road, La  
Jolla, CA, 92037: strongin@burnham.org\*\*USA  
JOURNAL: Experimental Cell Research 263 (2):p209-223 February 15, 2001  
MEDIUM: print  
ISSN: 0014-4827  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English  
SUMMARY LANGUAGE: English

2/3/20 (Item 20 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2003 BIOSIS. All rts. reserv.

12917515 BIOSIS NO.: 200100124664  
Absence of endothelial cells, central necrosis, and fibrosis are associated  
with aggressive inflammatory **breast** cancer.  
AUTHOR: Shirakawa Kazuo; Tsuda Hitoshi; Heike Yuji; Kato Kazunori; Asada  
Rumiko; Inomata Motoko; Sasaki Hiroki; Kasumi Fujio; Yoshimoto Masataka;  
Iwanaga Toshihiko; Konishi Fumio; Terada Masaaki; Wakasugi Hiro(a)  
AUTHOR ADDRESS: (a)Pharmacology Division, National Cancer Center Research  
Institute, 5-1-1 Tsukiji, Chuo-Ku, Tokyo, 104-0045:  
hwakasug@gan2.ncc.go.jp\*\*Japan  
JOURNAL: Cancer Research 61 (2):p445-451 January 15, 2001  
MEDIUM: print  
ISSN: 0008-5472  
DOCUMENT TYPE: Article

RECORD TYPE: Abstract  
LANGUAGE: English  
SUMMARY LANGUAGE: English

2/3/21 (Item 21 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2003 BIOSIS. All rts. reserv.

12862075 BIOSIS NO.: 200100069224  
Estrogen receptor-alpha in the inhibition of cancer growth and  
angiogenesis.  
AUTHOR: Ali Syed Hamid(a); O'Donnell Amy L; Balu Daya; Pohl Mary B; Seyler  
Marie J; Mohamed Seema; Mousa Shaker; Dandona Paresh  
AUTHOR ADDRESS: (a)Department of Adult Oncology, Dana-Farber Cancer  
Institute and Harvard Medical School, 44 Binney Street, Boston, MA,  
02115: syedhali@hotmail.com\*\*USA  
JOURNAL: Cancer Research 60 (24):p7094-7098 December 15, 2000  
MEDIUM: print  
ISSN: 0008-5472  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English  
SUMMARY LANGUAGE: English

2/3/22 (Item 22 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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12828645 BIOSIS NO.: 200100035794  
Adherence to osteopontin via **alphavbeta3** suppresses phorbol  
ester-mediated apoptosis in MCF-7 **breast** cancer cells that  
overexpress protein kinase C-alpha.  
AUTHOR: Noti John D(a)  
AUTHOR ADDRESS: (a)Laboratory of Molecular Biology, Guthrie Research  
Institute, One Guthrie Square, Sayre, PA, 18840: jnoti@inet.guthrie.org\*\*  
USA  
JOURNAL: International Journal of Oncology 17 (6):p1237-1243 December,  
2000  
MEDIUM: print  
ISSN: 1019-6439  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English  
SUMMARY LANGUAGE: English

2/3/23 (Item 23 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2003 BIOSIS. All rts. reserv.

12777168 BIOSIS NO.: 200000530791  
Expression and function of CYR61, an angiogenic factor, in **breast**  
cancer cell lines and tumor biopsies.  
AUTHOR: Tsai Miaw-Sheue; Hornby Ann E; Lakins Johnathon; Lupu Ruth(a)  
AUTHOR ADDRESS: (a)Lawrence Berkeley National Laboratory, University of  
California, 1 Cyclotron Road, Berkeley, CA, 94720\*\*USA  
JOURNAL: Cancer Research 60 (20):p5603-5607 October 15, 2000  
MEDIUM: print  
ISSN: 0008-5472  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

SUMMARY LANGUAGE: English

2/3/24 (Item 24 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2003 BIOSIS. All rts. reserv.

12734089 BIOSIS NO.: 200000487591  
Evaluation of a radiolabelled cyclic DTPA-RGD analogue for tumour imaging and radionuclide therapy.  
AUTHOR: van Hagen P M(a); Breeman W A P; Bernard H F; Schaar M; Mooij C M; Srinivasan A; Schmidt M A; Krenning E P; de Jong M  
AUTHOR ADDRESS: (a)Department of Immunology, Erasmus Medical Centre Rotterdam, Dr. Molewaterplein 40, 3015 GD, Rotterdam\*\*Netherlands  
JOURNAL: International Journal of Cancer 90 (4):p186-198 20 August, 2000  
MEDIUM: print  
ISSN: 0020-7136  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English  
SUMMARY LANGUAGE: English

2/3/25 (Item 25 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2003 BIOSIS. All rts. reserv.

12713637 BIOSIS NO.: 200000467139  
The proliferative and migratory activities of **breast** cancer cells can be differentially regulated by heparan sulfates.  
AUTHOR: Nurcombe Victor(a); Smart Chanel E; Chipperfield Hiram; Cool Simon M; Boilly Benoni; Hondermarck Hubert  
AUTHOR ADDRESS: (a)Department of Anatomical Sciences, University of Queensland, Saint Lucia, QLD, 4072\*\*Australia  
JOURNAL: Journal of Biological Chemistry 275 (39):p30009-30018 September 29, 2000  
MEDIUM: print  
ISSN: 0021-9258  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English  
SUMMARY LANGUAGE: English

2/3/26 (Item 26 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2003 BIOSIS. All rts. reserv.

12661196 BIOSIS NO.: 200000414698  
Contortrostatin, a dimeric disintegrin from Agkistrodon contortrix contortrix, inhibits **breast** cancer progression.  
AUTHOR: Zhou Qing; Sherwin Russel P; Parrish Catherine; Richters Valda; Groshen Susan G; Tsao-Wei Denice; Markland Francis S(a)  
AUTHOR ADDRESS: (a)Cancer Research Laboratory, Department of Biochemistry and Molecular Biology, University of Southern California, 1303 N. Mission Road, Room 106, Los Angeles, CA, 90033\*\*USA  
JOURNAL: Breast Cancer Research and Treatment 61 (3):p249-260 June, 2000  
MEDIUM: print  
ISSN: 0167-6806  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English  
SUMMARY LANGUAGE: English



2/3/27 (Item 27 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2003 BIOSIS. All rts. reserv.

12623470 BIOSIS NO.: 200000376972  
Osteopontin-induced, integrin-dependent migration of human mammary  
epithelial cells involves activation of the hepatocyte growth factor  
receptor (Met).  
AUTHOR: Tuck Alan B(a); Elliott Bruce E; Hota Charulata; Tremblay Eric;  
Chambers Ann F  
AUTHOR ADDRESS: (a)Department of Pathology, London Health Sciences Centre,  
375 South St., Victoria Campus, London, ON, N6A 4G5\*\*Canada  
JOURNAL: Journal of Cellular Biochemistry 78 (3):p465-475 6 June, 2000  
MEDIUM: print  
ISSN: 0730-2312  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English  
SUMMARY LANGUAGE: English

2/3/28 (Item 28 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2003 BIOSIS. All rts. reserv.

12594096 BIOSIS NO.: 200000347598  
Functional analyses of two cellular binding domains of bovine lactadherin.  
AUTHOR: Andersen Mikkil H; Graversen Helle; Fedosov Sergey N; Petersen  
Torben E(a); Rasmussen Jan T  
AUTHOR ADDRESS: (a)Protein Chemistry Laboratory, Department of Molecular  
and Structural Biology, University of Aarhus, Gustav Wieds Vej 10C,  
Science Park, 8000, Aarhus C\*\*Denmark  
JOURNAL: Biochemistry 39 (20):p6200-6206 May 23, 2000  
MEDIUM: print  
ISSN: 0006-2960  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English  
SUMMARY LANGUAGE: English

2/3/29 (Item 29 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2003 BIOSIS. All rts. reserv.

12590409 BIOSIS NO.: 200000343911  
The alpha3beta1 integrin is associated with mammary carcinoma cell  
metastasis, invasion, and gelatinase B (MMP-9) activity.  
AUTHOR: Morini Monica; Mottolese Marcella; Ferrari Nicoletta; Ghiorzo  
Federica; Buglioni Simonetta; Mortarini Roberta; Noonan Douglas M; Natali  
Pier Giorgio; Albin Adrian(a)  
AUTHOR ADDRESS: (a)Centro di Biotecnologie Avanzate, Istituto Nazionale per  
la Ricerca sul Cancro, Largo Rosanna Benzi, 10, 16132, Genova\*\*Italy  
JOURNAL: International Journal of Cancer 87 (3):p336-342 1 August, 2000  
MEDIUM: print  
ISSN: 0020-7136  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English  
SUMMARY LANGUAGE: English

2/3/30 (Item 30 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)  
(c) 2003 BIOSIS. All rts. reserv.

12555642 BIOSIS NO.: 200000309144  
Factor H binding to bone sialoprotein and osteopontin enables tumor cell evasion of complement-mediated attack.  
AUTHOR: Fedarko Neal S; Fohr Bert; Robey Pamela G; Young Marian F; Fisher Larry W  
AUTHOR ADDRESS: (a)5501 Hopkins Bayview Circle, Rm. 5A-64 JHAAC, Baltimore, MD, 21224\*\*USA  
JOURNAL: Journal of Biological Chemistry 275 (22):p16666-16672 June 2, 2000  
MEDIUM: print  
ISSN: 0021-9258  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English  
SUMMARY LANGUAGE: English

2/3/31 (Item 31 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2003 BIOSIS. All rts. reserv.

12541391 BIOSIS NO.: 200000294893  
RP593, a 99mTc-labeled **alphaVbeta3**/alphaVbeta5 antagonist, rapidly detects spontaneous tumors in mice and dogs.  
AUTHOR: Barrett J A; Crocker A C; Onthank D C; Heminway S; Rajopadhye M; Liu S; Bartis J; Edwards D S  
AUTHOR ADDRESS: (a)DuPont Pharmaceuticals Company, North Billerica, MA\*\*USA  
JOURNAL: Journal of Nuclear Medicine 41 (5 Suppl.):p34P May, 2000  
MEDIUM: print.  
CONFERENCE/MEETING: 47th Annual Meeting of the Society of Nuclear Medicine. St. Louis, Missouri, USA June 03-07, 2000  
SPONSOR: Society of Nuclear Medicine  
ISSN: 0161-5505  
RECORD TYPE: Citation  
LANGUAGE: English  
SUMMARY LANGUAGE: English

2/3/32 (Item 32 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2003 BIOSIS. All rts. reserv.

12535023 BIOSIS NO.: 200000288525  
Tumor neovascular **alphavbeta3** receptor targeting with RGD peptide to enhance delivery of therapeutic radiolabeled MAb.  
AUTHOR: DeNardo S J; Burke P A; Leigh B R; O'Donnell R T; Miers L A; Goodman S L; Matzku S; Jonczyk A; Lamborn K R; Kroger L A; DeNardo G L  
AUTHOR ADDRESS: (a)University of California at Davis, Sacramento, CA\*\*USA  
JOURNAL: Journal of Nuclear Medicine 41 (5 Suppl.):p143P May, 2000  
MEDIUM: print.  
CONFERENCE/MEETING: 47th Annual Meeting of the Society of Nuclear Medicine. St. Louis, Missouri, USA June 03-07, 2000  
SPONSOR: Society of Nuclear Medicine  
ISSN: 0161-5505  
RECORD TYPE: Citation  
LANGUAGE: English  
SUMMARY LANGUAGE: English

2/3/33 (Item 33 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)

(c) 2003 BIOSIS. All rts. reserv.

12461136 BIOSIS NO.: 200000214638

Expression of Cyr61, a ligand for integrin **alphaVbeta3**, modulates  
**breast** cancer progression.

AUTHOR: Tsai Miaw-Sheue(a); Bogart Daphne(a); Lupu Ruth(a)

AUTHOR ADDRESS: (a)Lawrence Berkeley National Lab, Berkeley, CA\*\*USA

JOURNAL: Proceedings of the American Association for Cancer Research Annual  
Meeting (41):p72 March, 2000

CONFERENCE/MEETING: 91st Annual Meeting of the American Association for  
Cancer Research. San Francisco, California, USA April 01-05, 2000

ISSN: 0197-016X

RECORD TYPE: Citation

LANGUAGE: English

SUMMARY LANGUAGE: English

2/3/34 (Item 34 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

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12413375 BIOSIS NO.: 200000166877

Targets of extinction: Identification of genes whose expression is  
repressed as a consequence of somatic fusion between cells representing  
basal and luminal mammary epithelial phenotypes.

AUTHOR: MacDougall John R(a); Matrisian Lynn M

AUTHOR ADDRESS: (a)Cancer Research Programme, Northwestern Ontario Regional  
Cancer Centre, 290 Munro Street, Thunder Bay, Ontario, P7A 7T1\*\*Canada

JOURNAL: Journal of Cell Science. 113 (3):p409-423 Feb., 2000

ISSN: 0021-9533

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English

SUMMARY LANGUAGE: English

2/3/35 (Item 35 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

(c) 2003 BIOSIS. All rts. reserv.

12413142 BIOSIS NO.: 200000166644

Functional activation of integrin **alphavbeta3** in tumor cells  
expressing membrane-type 1 matrix metalloproteinase.

AUTHOR: Deryugina Elena I; Bourdon Mario A; Jungwirth Karli; Smith Jeffrey  
W; Strongin Alex Y(a)

AUTHOR ADDRESS: (a)The Burnham Institute, 10901 North Torrey Pines Road, La  
Jolla, CA, 92037\*\*USA

JOURNAL: International Journal of Cancer. 86 (1):p15-23 April 1, 2000

ISSN: 0020-7136

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English

SUMMARY LANGUAGE: English

2/3/36 (Item 36 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

(c) 2003 BIOSIS. All rts. reserv.

12408703 BIOSIS NO.: 200000162205

Neovascular targeting with cyclic RGD peptide (cRGDf-ACHA) to enhance  
delivery of radioimmunotherapy.

AUTHOR: DeNardo Sally J(a); Burke Patricia A; Leigh Bryan R; O'Donnell  
Robert T; Miers Laird A; Kroger Linda A; Goodman Simon L; Matzku

Siegfried; Jonczyk Alfred; Lamborn Kathleen R; DeNardo Gerald L  
AUTHOR ADDRESS: (a)Section of Radiodiagnosis and Therapy, Department of  
Internal Medicine, University of California Davis Medical Center,  
Sacramento, CA\*\*USA  
JOURNAL: Cancer Biotherapy & Radiopharmaceuticals. 15 (1):p71-79 2000  
ISSN: 1084-9785  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English  
SUMMARY LANGUAGE: English

2/3/37 (Item 37 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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12360655 BIOSIS NO.: 200000114157  
Activation of integrin **alphavbeta3** regulates cell adhesion and  
migration to bone sialoprotein.  
AUTHOR: Byzova Tatiana V; Kim Wes; Midura Ronald J; Plow Edward F(a)  
AUTHOR ADDRESS: (a)Cleveland Clinic Foundation, 9500 Euclid Avenue, NB50,  
Cleveland, OH, 44195\*\*USA  
JOURNAL: Experimental Cell Research 254 (2):p299-308 Feb. 1, 2000  
ISSN: 0014-4827  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English  
SUMMARY LANGUAGE: English

2/3/38 (Item 38 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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12259138 BIOSIS NO.: 200000012640  
Urokinase receptor interacts with **alphavbeta5** vitronectin receptor,  
promoting urokinase-dependent cell migration in **breast** cancer.  
AUTHOR: Carriero Maria V(a); Del Vecchio Silvana; Capozzoli Monica; Franco  
Paola; Fontana Laura; Zannetti Antonella; Botti Gerardo; D'Aiuto Giuseppe  
; Salvatore Marco; Stoppelli M Patrizia  
AUTHOR ADDRESS: (a)National Cancer Institute, Via M. Semmola, 80131, Naples  
\*\*Italy  
JOURNAL: Cancer Research 59 (20):p5307-5314 Oct. 15, 1999  
ISSN: 0008-5472  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English  
SUMMARY LANGUAGE: English

2/3/39 (Item 39 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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12189237 BIOSIS NO.: 199900484086  
Myosin light chain kinase functions downstream of Ras/ERK to promote  
migration of urokinase-type plasminogen activator-stimulated cells in an  
integrin-selective manner.  
AUTHOR: Nguyen Diem H D; Catling Andrew D; Webb Donna J; Sankovic Mauricio;  
Walker Lori A; Somlyo Avril V; Weber Michael J; Gonias Steven L(a)  
AUTHOR ADDRESS: (a)Department of Pathology, Department of Biochemistry and  
Molecular Genetics, University of Virginia Health Sciences Center,  
Charlottesville, VA, 22908\*\*USA  
JOURNAL: Journal of Cell Biology 146 (1):p149-164 July 12, 1999

ISSN: 0021-9525  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English  
SUMMARY LANGUAGE: English

2/3/40 (Item 40 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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12172335 BIOSIS NO.: 199900467184  
Identification of CD47/integrin-associated protein and **alphavbeta3** as  
two receptors for the alpha3(IV) chain of type IV collagen on tumor  
cells.  
AUTHOR: Shahan Tracy A; Ziaie Zahra; Pasco Sylvie; Fawzi Abdelilah; Bellon  
Georges; Monboisse Jean-Claude; Kefalides Nicholas A(a)  
AUTHOR ADDRESS: (a)Connective Tissue Research Institute, University of  
Pennsylvania, 3624 Market Street 5-E, Philadelphia, PA, 19104\*\*USA  
JOURNAL: Cancer Research 59 (18):p4584-4590 Sept. 15, 1999  
ISSN: 0008-5472  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English  
SUMMARY LANGUAGE: English

2/3/41 (Item 41 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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12058932 BIOSIS NO.: 199900339451  
Overexpression of protein kinase C-alpha in MCF-7 **breast** cancer cells  
results in differential regulation and expression of **alphavbeta3**  
and **alphavbeta5**.  
AUTHOR: Carey Indira; Williams Carol L; Ways D Kirk; Noti John D(a)  
AUTHOR ADDRESS: (a)Laboratory of Molecular Biology, Guthrie Research  
Institute, One Guthrie Square, Sayre, PA, 1884\*\*USA  
JOURNAL: International Journal of Oncology 15 (1):p127-136 July, 1999  
ISSN: 1019-6439  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English  
SUMMARY LANGUAGE: English

2/3/42 (Item 42 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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11943699 BIOSIS NO.: 199900189808  
Clinical significance of angiogenic factors in **breast** cancer.  
AUTHOR: Locopo Nathalia; Fanelli Massimo; Gasparini Giampietro(a)  
AUTHOR ADDRESS: (a)Division of Medical Oncology, Azienda Ospedali Riuniti  
"Bianchi-Melacrino-Morelli", Via Melacrin\*\*Italy  
JOURNAL: Breast Cancer Research and Treatment 52 (1-3):p159-173 1998  
ISSN: 0167-6806  
DOCUMENT TYPE: Literature Review  
RECORD TYPE: Abstract  
LANGUAGE: English

2/3/43 (Item 43 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)

(c) 2003 BIOSIS. All rts. reserv.

11858523 BIOSIS NO.: 199900104632

Cell matrix adhesions and localization of the vitronectin receptor in MCF-7 human mammary carcinoma cells.

AUTHOR: Depasquale Joseph A(a)

AUTHOR ADDRESS: (a)Lab. Hum. Toxicol. and Mol. Epidemiol., Wadsworth Cent., N.Y. State Dep. Health, Albany, NY 1220\*\*USA

JOURNAL: Histochemistry and Cell Biology 110 (5):p485-494 Nov., 1998

ISSN: 0948-6143

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English

2/3/44 (Item 44 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

(c) 2003 BIOSIS. All rts. reserv.

11795865 BIOSIS NO.: 199900041974

Selection of potentially metastatic subpopulations expressing c-erbB-2 from **breast** cancer tissue by use of an extravasation model.

AUTHOR: Roetger Antje; Merschjann Anja; Dittmar Thomas; Jackisch Christian; Barnekow Angelika; Brandt Burkhard

AUTHOR ADDRESS: Inst. Clin. Chem. Lab. Med., Albert-Schweitzer-Strasse 33, 48129 Muenster\*\*Germany

JOURNAL: American Journal of Pathology 153 (6):p1797-1806 Dec., 1998

ISSN: 0002-9440

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English

2/3/45 (Item 45 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

(c) 2003 BIOSIS. All rts. reserv.

11772366 BIOSIS NO.: 199900018475

Differential regulation of **alphaVbeta3** and **alphaVbeta5** in MCF-7

**breast** cancer cells overexpressing protein kinase C-alpha.

AUTHOR: Carey I(a); Williams C L(a); Ways D K; Noti J D(a)

AUTHOR ADDRESS: (a)Guthrie Res. Inst., Sayre, PA 18840\*\*USA

JOURNAL: Molecular Biology of the Cell 9 (SUPPL.):p296A Nov., 1998

CONFERENCE/MEETING: 38th Annual Meeting of the American Society for Cell Biology San Francisco, California, USA December 12-16, 1998

SPONSOR: American Society for Cell Biology

ISSN: 1059-1524

RECORD TYPE: Citation

LANGUAGE: English

2/3/46 (Item 46 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

(c) 2003 BIOSIS. All rts. reserv.

11624597 BIOSIS NO.: 199800406879

Bone sialoprotein supports **breast** cancer cell adhesion proliferation and migration through differential usage of the **alphavbeta3** and **alphavbeta5** integrins.

AUTHOR: Sung V; Stubbs J T III; Fisher L; Aaron A D; Thompson E W(a)

AUTHOR ADDRESS: (a)VBCRC Breast Cancer Res. Unit, St. Vincent's Inst. Med. Res., 9 Princess Street, Fitzroy 3065\*\*Australia

JOURNAL: Journal of Cellular Physiology 176 (3):p482-494 Sept., 1998

ISSN: 0021-9541

DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

2/3/47 (Item 47 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2003 BIOSIS. All rts. reserv.

11478112 BIOSIS NO.: 199800259444  
Detection of tumor angiogenesis in vivo by **alphavbeta3**-targeted  
magnetic resonance imaging.  
AUTHOR: Sipkins Dorothy A(a); Cheresh David A; Kazemi Mahmood R; Nevin  
Linda M; Bednarski Mark D; Li King C P  
AUTHOR ADDRESS: (a)Lucas MRS Res. Cent., Dep. Radiol., Stanford Univ. Sch.  
Med., Stanford, CA 94305\*\*USA  
JOURNAL: Nature Medicine 4 (5):p623-626 May, 1998  
ISSN: 1078-8956  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

2/3/48 (Item 48 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2003 BIOSIS. All rts. reserv.

11413102 BIOSIS NO.: 199800194434  
Cell surface MT1-MMP and **alphavbeta3** jointly govern the activation of  
MMP-2 proenzyme by human tumor cells.  
AUTHOR: Deryugina E I(a); Reisfeld R A; Bourdon M A; Strongin A  
AUTHOR ADDRESS: (a)La Jolla Inst. Experimental Med., La Jolla, CA 92037\*\*  
USA  
JOURNAL: Proceedings of the American Association for Cancer Research Annual  
Meeting 39p82 March, 1998  
CONFERENCE/MEETING: 89th Annual Meeting of the American Association for  
Cancer Research New Orleans, Louisiana, USA March 28-April 1, 1998  
SPONSOR: American Association for Cancer Research  
ISSN: 0197-016X  
RECORD TYPE: Citation  
LANGUAGE: English

2/3/49 (Item 49 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2003 BIOSIS. All rts. reserv.

11387302 BIOSIS NO.: 199800168634  
Expression of **alphav** integrins and vitronectin receptor identity in  
**breast** cancer cells.  
AUTHOR: Meyer T(a); Marshall J F; Hart I R  
AUTHOR ADDRESS: (a)Richard Dimbleby Dep. Cancer Res./CRF Lab., St. Thomas'  
Hosp., Lambeth Palace Road, London SE1 7\*\*UK  
JOURNAL: British Journal of Cancer 77 (4):p530-536 Feb., 1998  
ISSN: 0007-0920  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

2/3/50 (Item 50 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2003 BIOSIS. All rts. reserv.

11386678 BIOSIS NO.: 199800168010

alphav Integrins mediated adhesion and migration of **breast** carcinoma cell lines.

AUTHOR: Wong Nanette C; Mueller Barbara M; Barbas Carlos F; Ruminski Pete; Quaranta Vito; Lin Emme C K; Smith Jeffrey W

AUTHOR ADDRESS: Cancer Res. Center, Program Cell Adhesion Extracellular Matrix, Burnham Inst., 10901 North Torrey Pi\*\*USA

JOURNAL: Clinical & Experimental Metastasis 16 (1):p50-61 Jan., 1998

ISSN: 0262-0898

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English

2/3/51 (Item 51 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

(c) 2003 BIOSIS. All rts. reserv.

11298350 BIOSIS NO.: 199800079682

Attachment characteristics and involvement of integrins in adhesion of **breast** cancer cell lines to extracellular bone matrix components.

AUTHOR: van Der Pluijm Gabri(a); Vloedgraven Hans; Papapoulos Socrates; Loewik Clemens; Grzesik Wojtek; Kerr Janet; Robey Pamela Gehron

AUTHOR ADDRESS: (a)Univ. Hosp., Dep. Endocrinol. C4-89, Albinusdreef 2, 2333 AA Leiden\*\*Netherlands

JOURNAL: Laboratory Investigation 77 (6):p665-675 Dec., 1997

ISSN: 0023-6837

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English

2/3/52 (Item 52 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

(c) 2003 BIOSIS. All rts. reserv.

11080817 BIOSIS NO.: 199799701962

Lactadherin (formerly BA46), a membrane-associated glycoprotein expressed in human milk and **breast** carcinomas, promotes Arg-Gly-Asp

(RGD)-dependent cell adhesion.

AUTHOR: Taylor Michael R; Couto Joseph R; Scallan Ciaran D; Ceriani Roberto L; Peterson Jerry A(a)

AUTHOR ADDRESS: (a)Cancer Res. Fund Contra Costa, 2055 N. Broadway, Walnut Creek, CA 94596\*\*USA

JOURNAL: DNA and Cell Biology 16 (7):p861-869 1997

ISSN: 1044-5498

RECORD TYPE: Abstract

LANGUAGE: English

2/3/53 (Item 53 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

(c) 2003 BIOSIS. All rts. reserv.

10930909 BIOSIS NO.: 199799552054

Immunohistochemical analysis of integrin alpha-v-beta-3 expression on tumor-associated vessels of human carcinomas.

AUTHOR: Max Regina; Gerritsen Roland R C M; Nooijen Peet T G A; Goodman Simon L; Sutter Arne; Keilholz Ulrich; Ruiter Dirk J; De Waal Robert M W (a)

AUTHOR ADDRESS: (a)Dep. Pathol., Univ. Hosp. Nijmegen, P.O. Box 9101, 6500 HB Nijmegen\*\*Netherlands

JOURNAL: International Journal of Cancer 71 (3):p320-324 1997

ISSN: 0020-7136



RECORD TYPE: Abstract  
LANGUAGE: English

2/3/54 (Item 54 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2003 BIOSIS. All rts. reserv.

10064065 BIOSIS NO.: 199598518983  
Antiintegrin alpha-v-beta-3 blocks human **breast** cancer growth and  
angiogenesis in human skin.  
AUTHOR: Brooks Peter C(a); Stromblad Staffan; Klemke Richard; Visscher  
Daniel; Sarkar Fazlul H; Cheresh David A  
AUTHOR ADDRESS: (a)Dep. Immunol. Vascular Biol., Scripps Research Inst.,  
10666 North Torrey Pines Road, La Jolla, C\*\*USA  
JOURNAL: Journal of Clinical Investigation 96 (4):p1815-1822 1995  
ISSN: 0021-9738  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

2/3/55 (Item 1 from file: 73)  
DIALOG(R)File 73:EMBASE  
(c) 2003 Elsevier Science B.V. All rts. reserv.

11978545 EMBASE No: 2003088963  
Recent development of anticancer agents including biotherapeutics in  
Japan  
Tsukagoshi S.  
Dr. S. Tsukagoshi, Tokyo Cooperative Oncology Group, Bancho Heim 111,  
Nibancho 1, Tokyo 102-0084 Japan  
Biotherapy ( BIOTHERAPY (JAPAN) ) (Japan) 2003, 17/1 (1-7)  
CODEN: BITPE ISSN: 0914-2223  
DOCUMENT TYPE: Journal ; Review  
LANGUAGE: JAPANESE SUMMARY LANGUAGE: ENGLISH; JAPANESE  
NUMBER OF REFERENCES: 17

2/3/56 (Item 2 from file: 73)  
DIALOG(R)File 73:EMBASE  
(c) 2003 Elsevier Science B.V. All rts. reserv.

11804147 EMBASE No: 2002376455  
Molecular targets as therapeutic strategies in the management of  
**breast** cancer  
Sartor C.I.  
Dr. C.I. Sartor, Department of Radiation Oncology, North Carolina Clin.  
Cancer Center, 101 Manning Drive, Chapel Hill, NC 27514 United States  
AUTHOR EMAIL: sartor@radonc.unc.edu  
Seminars in Radiation Oncology ( SEMIN. RADIAT. ONCOL. ) (United States)  
2002, 12/4 (341-351)  
CODEN: SRONE ISSN: 1053-4296  
DOCUMENT TYPE: Journal ; Review  
LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH  
NUMBER OF REFERENCES: 100

2/3/57 (Item 3 from file: 73)  
DIALOG(R)File 73:EMBASE  
(c) 2003 Elsevier Science B.V. All rts. reserv.

11466229 EMBASE No: 2002037721  
Role of **alphavbeta3** integrin receptors in **breast** tumor

Sengupta S.; Chattopadhyay N.; Mitra A.; Ray S.; Dasgupta S.; Chatterjee A.  
Dr. A. Chatterjee, Department of Receptor Biology, Chittaranjan Natl. Cancer Institute, 37, S.P. Mukherjee Road, Calcutta - 700026 India  
AUTHOR EMAIL: cncist@giasccl101.vsnl.net.in  
Journal of Experimental and Clinical Cancer Research ( J. EXP. CLIN. CANCER RES. ) (Italy) 2001, 20/4 (585-590)  
CODEN: JECRD ISSN: 0392-9078  
DOCUMENT TYPE: Journal ; Article  
LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH  
NUMBER OF REFERENCES: 30

2/3/58 (Item 4 from file: 73)  
DIALOG(R)File 73:EMBASE  
(c) 2003 Elsevier Science B.V. All rts. reserv.

11086923 EMBASE No: 2001103775  
Snake venom protein paralyzes cancer cells  
Finn R.  
Journal of the National Cancer Institute ( J. NATL. CANCER INST. ) ( United Kingdom) 21 FEB 2001, 93/4 (261-262)  
CODEN: JNCIA ISSN: 0027-8874  
DOCUMENT TYPE: Journal ; Note  
LANGUAGE: ENGLISH

2/3/59 (Item 5 from file: 73)  
DIALOG(R)File 73:EMBASE  
(c) 2003 Elsevier Science B.V. All rts. reserv.

10796570 EMBASE No: 2000276983  
Clinical trials of antibody therapy  
Glennie M.J.; Johnson P.W.M.  
M.J. Glennie, Tenovus Research Laboratory, Southampton Univ. School of Med., General Hospital, Southampton SO16 6YD United Kingdom  
AUTHOR EMAIL: mjpg@soton.ac.uk  
Immunology Today ( IMMUNOL. TODAY ) (United Kingdom) 2000, 21/8 (403-410)  
CODEN: IMTOD ISSN: 0167-5699  
PUBLISHER ITEM IDENTIFIER: S0167569900016698  
DOCUMENT TYPE: Journal; Review  
LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH  
NUMBER OF REFERENCES: 50

2/3/60 (Item 6 from file: 73)  
DIALOG(R)File 73:EMBASE  
(c) 2003 Elsevier Science B.V. All rts. reserv.

10584930 EMBASE No: 2000050150  
Clinical development of monoclonal antibodies against metastatic tumors  
Okabe M.  
Dr. M. Okabe, Pharmaceut. Research/Devt. Center, Kyowa Hakko Kogyo Co., Ltd., 1-6-1 Ohtemachi, Chiyoda-ku, Tokyo 100-8185 Japan  
Biotherapy ( BIOTHERAPY (JAPAN) ) (Japan) 1999, 13/12 (1193-1199)  
CODEN: BITPE ISSN: 0914-2223  
DOCUMENT TYPE: Journal; Review  
LANGUAGE: JAPANESE SUMMARY LANGUAGE: ENGLISH; JAPANESE  
NUMBER OF REFERENCES: 22

2/3/61 (Item 7 from file: 73)  
DIALOG(R)File 73:EMBASE

(c) 2003 Elsevier Science B.V. All rts. reserv.

07505972 EMBASE No: 1998388862

Vascular integrin alpha(v)betainf 3: A new prognostic indicator in breast cancer

Gasparini G.; Brooks P.C.; Biganzoli E.; Vermeulen P.B.; Bonoldi E.; Dirix L.Y.; Ranieri G.; Miceli R.; Cheres D.A.

G. Gasparini, Division of Medical Oncology, Ospedali Riuniti, Via Melacrino, 89100 Reggio Calabria Italy

AUTHOR EMAIL: oncologiaRc@diel.it

Clinical Cancer Research ( CLIN. CANC. RES. ) (United States) 1998, 4/11 (2625-2634)

CODEN: CCREF ISSN: 1078-0432

DOCUMENT TYPE: Journal; Article

LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH

NUMBER OF REFERENCES: 26

2/3/62 (Item 8 from file: 73)

DIALOG(R)File 73:EMBASE

(c) 2003 Elsevier Science B.V. All rts. reserv.

07358010 EMBASE No: 1998248371

Anti-angiogenesis compounds in clinical trials

European Journal of Cancer ( EUR. J. CANCER ) (United Kingdom) 1998, 34/8 (1137)

CODEN: EJCAE ISSN: 0959-8049

DOCUMENT TYPE: Journal; Note

LANGUAGE: ENGLISH

2/3/63 (Item 9 from file: 73)

DIALOG(R)File 73:EMBASE

(c) 2003 Elsevier Science B.V. All rts. reserv.

07276358 EMBASE No: 1998173050

Detection of tumor angiogenesis in vivo by alpha(v)betainf 3-targeted magnetic resonance imaging

Sipkins D.A.; Cheres D.A.; Kazemi M.R.; Nevin L.M.; Bednarski M.D.; Li K.C.P.

D.A. Sipkins, Lucas MRS Research Center, Department of Radiology, Stanford Univ. School of Medicine, Stanford, CA 94305 United States

Nature Medicine ( NAT. MED. ) (United States) 1998, 4/5 (623-626)

CODEN: NAMEF ISSN: 1078-8956

DOCUMENT TYPE: Journal; Article

LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH

NUMBER OF REFERENCES: 20

2/3/64 (Item 10 from file: 73)

DIALOG(R)File 73:EMBASE

(c) 2003 Elsevier Science B.V. All rts. reserv.

06874770 EMBASE No: 1997159098

Immunohistochemical analysis of integrin alphavbeta3 expression on tumor-associated vessels of human carcinomas

Max R.; Gerritsen R.R.C.M.; Nooijen P.T.G.A.; Goodman S.L.; Sutter A.; Keilholz U.; Ruiter D.J.; De Waal R.M.W.

R.M.W. De Waal, Department of Pathology, University Hospital Nijmegen, P.O. Box 9101, 6500 HB Nijmegen Netherlands

AUTHOR EMAIL: r.dewaal@pathol.azn.nl

International Journal of Cancer ( INT. J. CANCER ) (United States) 1997, 71/3 (320-324)

CODEN: IJCNA ISSN: 0020-7136

DOCUMENT TYPE: Journal; Article  
LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH  
NUMBER OF REFERENCES: 20

2/3/65 (Item 11 from file: 73)  
DIALOG(R)File 73:EMBASE  
(c) 2003 Elsevier Science B.V. All rts. reserv.

06695526 EMBASE No: 1996360463  
Cell migration promoted by a potent GRGDS-containing thrombin-cleavage  
fragment of osteopontin  
Senger D.R.; Perruzzi C.A.  
Department of Pathology, Beth Israel Hospital, Harvard Medical School,  
330 Brookline Avenue, Boston, MA 02215 United States  
Biochimica et Biophysica Acta - Molecular Cell Research ( BIOCHIM.  
BIOPHYS. ACTA MOL. CELL RES. ) (Netherlands) 1996, 1314/1-2 (13-24)  
CODEN: BAMRD ISSN: 0167-4889  
PUBLISHER ITEM IDENTIFIER: S0167488996000675  
DOCUMENT TYPE: Journal; Article  
LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH

2/3/66 (Item 12 from file: 73)  
DIALOG(R)File 73:EMBASE  
(c) 2003 Elsevier Science B.V. All rts. reserv.

06277001 EMBASE No: 1995307430  
Antiintegrin **alphavbeta3** blocks human **breast** cancer growth  
and angiogenesis in human skin  
Brooks P.C.; Stromblad S.; Klemke R.; Visscher D.; Sarkar F.H.; Cheresh  
D.A.  
Dept. of Immunology/Vascular Biology, Scripps Research Institute, 10666  
North Torrey Pines Road, San Diego, CA 82037 United States  
Journal of Clinical Investigation ( J. CLIN. INVEST. ) (United States)  
1995, 96/4 (1815-1822)  
CODEN: JCINA ISSN: 0021-9738  
DOCUMENT TYPE: Journal; Article  
LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH

2/3/67 (Item 1 from file: 155)  
DIALOG(R)File 155:MEDLINE(R)  
(c) format only 2003 The Dialog Corp. All rts. reserv.

14473157 22482451 PMID: 12594807  
Prinomastat, a hydroxamate inhibitor of matrix metalloproteinases, has a  
complex effect on migration of **breast** carcinoma cells.  
Deryugina Elena I; Ratnikov Boris I; Strongin Alex Y  
Cancer Research Center, The Burnham Institute, La Jolla, CA, USA.  
International journal of cancer. Journal international du cancer (United  
States) May 1 2003, 104 (5) p533-41, ISSN 0020-7136 Journal Code:  
0042124  
Document type: Journal Article  
Languages: ENGLISH  
Main Citation Owner: NLM  
Record type: In Process

2/3/68 (Item 2 from file: 155)  
DIALOG(R)File 155:MEDLINE(R)  
(c) format only 2003 The Dialog Corp. All rts. reserv.

14199375 22355860 PMID: 12397091

Integrin alpha(v)beta3 targeted therapy for Kaposi's sarcoma with an in vitro evolved antibody.

Rader Christoph; Popkov Mikhail; Neves John A; Barbas Carlos F; et al  
Department of Molecular Biology and The Skaggs Institute for Chemical Biology, The Scripps Research Institute, La Jolla, California 92037, USA.  
carlos@scripps.edu

FASEB journal - official publication of the Federation of American Societies for Experimental Biology (United States) 10 18 2002, 16 (14)  
p2000-2, ISSN 1530-6860 Journal Code: 8804484

Document type: Journal Article

Languages: ENGLISH

Main Citation Owner: NLM

Record type: Completed

2/3/69 (Item 3 from file: 155)

DIALOG(R) File 155:MEDLINE(R)

(c) format only 2003 The Dialog Corp. All rts. reserv.

14174480 22327853 PMID: 12440771

Genes involved in **breast** cancer metastasis to bone.

Sloan E K I; Anderson R L; et al

Trescowthick Research Laboratories, Peter MacCallum Cancer Institute, Melbourne, VIC, Australia.

Cellular and molecular life sciences - CMLS (Switzerland) Sep 2002, 59  
(9) p1491-502, ISSN 1420-682X Journal Code: 9705402

Contract/Grant No.: CA090291; CA; NCI; +

Document type: Journal Article; Review; Review, Tutorial

Languages: ENGLISH

Main Citation Owner: NLM

Record type: Completed

2/3/70 (Item 4 from file: 155)

DIALOG(R) File 155:MEDLINE(R)

(c) format only 2003 The Dialog Corp. All rts. reserv.

14140884 22336111 PMID: 12447996

Engaged urokinase receptors enhance tumor **breast** cell migration and invasion by upregulating alpha(v)beta5 vitronectin receptor cell surface expression.

Silvestri Immacolata; Longanesi Cattani Immacolata; Franco Paola; Pirozzi Giuseppe; Botti Gerardo; Stoppelli Maria Patrizia; Carriero Maria Vincenza; et al

Department of Experimental Oncology, National Cancer Institute of Naples, Naples, Italy.

International journal of cancer. Journal international du cancer (United States) Dec 20 2002, 102 (6) p562-71, ISSN 0020-7136 Journal Code: 0042124

Document type: Journal Article

Languages: ENGLISH

Main Citation Owner: NLM

Record type: Completed

2/3/71 (Item 5 from file: 155)

DIALOG(R) File 155:MEDLINE(R)

(c) format only 2003 The Dialog Corp. All rts. reserv.

10678478 20216643 PMID: 10751360

Regulation of angiogenesis in vivo by ligation of integrin alpha5beta1 with the central cell-binding domain of fibronectin.

Kim S; Bell K; Mousa S A; Varner J A

Department of Medicine/Cancer Center, Cellular and Molecular Medicine

East, University of California San Diego, La Jolla, California 92093-0684, USA.

American journal of pathology (UNITED STATES) Apr 2000, 156 (4)  
p1345-62, ISSN 0002-9440 Journal Code: 0370502  
Contract/Grant No.: R01 CA71619; CA; NCI  
Document type: Journal Article  
Languages: ENGLISH  
Main Citation Owner: NLM  
Record type: Completed

2/3/72 (Item 6 from file: 155)  
DIALOG(R)File 155:MEDLINE(R)  
(c) format only 2003 The Dialog Corp. All rts. reserv.

10659214 20190933 PMID: 10728589  
Functional activation of integrin alpha V beta 3 in tumor cells expressing membrane-type 1 matrix metalloproteinase.  
Deryugina E I; Bourdon M A; Jungwirth K; Smith J W; Strongin A Y  
La Jolla Institute for Experimental Medicine, CA, USA.  
International journal of cancer. Journal international du cancer (UNITED STATES) Apr 1 2000, 86 (1) p15-23, ISSN 0020-7136 Journal Code: 0042124  
Contract/Grant No.: CA77470; CA; NCI; CA83017; CA; NCI; HL58925; HL; NHLBI; +  
Document type: Journal Article  
Languages: ENGLISH  
Main Citation Owner: NLM  
Record type: Completed

2/3/73 (Item 7 from file: 155)  
DIALOG(R)File 155:MEDLINE(R)  
(c) format only 2003 The Dialog Corp. All rts. reserv.

10274501 99263385 PMID: 10329602  
Cysteine-rich domain of human ADAM 12 (meltrin alpha) supports tumor cell adhesion.  
Iba K; Albrechtsen R; Gilpin B J; Loechel F; Wewer U M  
Institute of Molecular Pathology, University of Copenhagen, Copenhagen, Denmark.  
American journal of pathology (UNITED STATES) May 1999, 154 (5)  
p1489-501, ISSN 0002-9440 Journal Code: 0370502  
Document type: Journal Article  
Languages: ENGLISH  
Main Citation Owner: NLM  
Record type: Completed

2/3/74 (Item 8 from file: 155)  
DIALOG(R)File 155:MEDLINE(R)  
(c) format only 2003 The Dialog Corp. All rts. reserv.

10226304 99214227 PMID: 10196234  
Pro-adhesive and chemotactic activities of thrombospondin-1 for breast carcinoma cells are mediated by alpha3beta1 integrin and regulated by insulin-like growth factor-1 and CD98.  
Chandrasekaran S; Guo N H; Rodrigues R G; Kaiser J; Roberts D D  
Laboratory of Pathology, NCI, National Institutes of Health, Bethesda, Maryland 20892, USA.  
Journal of biological chemistry (UNITED STATES) Apr 16 1999, 274 (16)  
p11408-16, ISSN 0021-9258 Journal Code: 2985121R  
Document type: Journal Article  
Languages: ENGLISH

Main Citation Owner: NLM  
Record type: Completed.

2/3/75 (Item 9 from file: 155)  
DIALOG(R)File 155:MEDLINE(R)  
(c) format only 2003 The Dialog Corp. All rts. reserv.

10086035 99045190 PMID: 9829725  
Vascular integrin alpha(v)beta3: a new prognostic indicator in  
breast cancer.  
Gasparini G; Brooks P C; Biganzoli E; Vermeulen P B; Bonoldi E; Dirix L Y  
; Ranieri G; Miceli R; Cheresch D A  
Division of Medical Oncology, Azienda Ospedaliera  
Bianchi-Melacrino-Morelli, Reggio Calabria, Italy. oncologiaRc@diel.it  
Clinical cancer research : an official journal of the American  
Association for Cancer Research (UNITED STATES) Nov 1998, 4 (11)  
p2625-34, ISSN 1078-0432 Journal Code: 9502500  
Contract/Grant No.: CA45726; CA; NCI; CA50286; CA; NCI; HL5444; HL; NHLBI  
Document type: Journal Article  
Languages: ENGLISH  
Main Citation Owner: NLM  
Record type: Completed

2/3/76 (Item 10 from file: 155)  
DIALOG(R)File 155:MEDLINE(R)  
(c) format only 2003 The Dialog Corp. All rts. reserv.

09413171 97313498 PMID: 9169492  
Nitric oxide synthase lies downstream from vascular endothelial growth  
factor-induced but not basic fibroblast growth factor-induced angiogenesis.  
Ziche M; Morbidelli L; Choudhuri R; Zhang H T; Donnini S; Granger H J;  
Bicknell R  
Department of Pharmacology, University of Florence, 50134, Florence,  
Italy. ziche@stat.ds.unifi.it  
Journal of clinical investigation (UNITED STATES) Jun 1 1997, 99 (11)  
p2625-34, ISSN 0021-9738 Journal Code: 7802877  
Document type: Journal Article  
Languages: ENGLISH  
Main Citation Owner: NLM  
Record type: Completed

2/3/77 (Item 1 from file: 399)  
DIALOG(R)File 399:CA SEARCH(R)  
(c) 2003 American Chemical Society. All rts. reserv.

137076797 CA: 137(6)76797h JOURNAL  
Role of .alpha.v.beta.3 integrin receptors in breast tumor  
AUTHOR(S): Sengupta, S.; Chattopadhyay, N.; Mitra, A.; Ray, S.; Dasgupta,  
S.; Chatterjee, A.  
LOCATION: Dept. of Receptor Biology and Tumor Metastasis, Chittaranjan  
National Cancer Institute, Calcutta, India  
JOURNAL: J. Exp. Clin. Cancer Res. (Journal of Experimental & Clinical  
Cancer Research) DATE: 2001 VOLUME: 20 NUMBER: 4 PAGES: 585-590  
CODEN: JECRDN ISSN: 0392-9078 LANGUAGE: English PUBLISHER: Regina  
Elena Institute for Cancer Research

2/3/78 (Item 2 from file: 399)  
DIALOG(R)File 399:CA SEARCH(R)  
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134278689 CA: 134(20)278689y JOURNAL

Adherence to osteopontin via .alpha.v.beta.3 suppresses phorbol ester-mediated apoptosis in MCF-7 breast cancer cells that overexpress protein kinase C-.alpha.

AUTHOR(S): Noti, John D.

LOCATION: Laboratory of Molecular Biology, Guthrie Research Institute, Sayre, PA, 18840, USA

JOURNAL: Int. J. Oncol. DATE: 2000 VOLUME: 17 NUMBER: 6 PAGES: 1237-1243 CODEN: IJONES ISSN: 1019-6439 LANGUAGE: English PUBLISHER: International Journal of Oncology

2/3/79 (Item 3 from file: 399)

DIALOG(R)File 399:CA SEARCH(R)

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129314988 CA: 129(24)314988c PATENT

Methods for using antagonistic anti-.alpha.v.beta.3 integrin antibodies

INVENTOR(AUTHOR): Carron, Christopher P.; Meyer, Debra M.; Nickols, G. Allen; Smith, Jeffrey W.

LOCATION: USA

ASSIGNEE: G.D. Searle & Co.

PATENT: PCT International ; WO 9846265 A1 DATE: 19981022

APPLICATION: WO 98US6868 (19980409) \*US 43854 (19970411)

PAGES: 56 pp. CODEN: PIXXD2 LANGUAGE: English CLASS: A61K-039/395A

DESIGNATED COUNTRIES: AL; AM; AT; AU; AZ; BA; BB; BG; BR; BY; CA; CH; CN; CU; CZ; DE; DK; EE; ES; FI; GB; GE; GH; GM; GW; HU; ID; IL; IS; JP; KE; KG; KP; KR; KZ; LC; LK; LR; LS; LT; LU; LV; MD; MG; MK; MN; MW; MX; NO; NZ; PL; PT; RO; RU; SD; SE; SG; SI; SK; SL; TJ; TM; TR; TT; UA; UG; US; UZ; VN; YU; ZW; AM; AZ; BY; KG; KZ; MD; RU; TJ; TM DESIGNATED REGIONAL: GH; GM; KE; LS ; MW; SD; SZ; UG; ZW; AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LU; MC; NL; PT; SE; BF; BJ; CF; CG; CI; CM; GA; GN; ML; MR; NE; SN; TD; TG ?



t s2/7/12,13,57,62,66,77

2/7/12 (Item 12 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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13393245 BIOSIS NO.: 200200022066  
The blockade of integrin **alphavbeta3** for prevention of bone metastasis (BM) of human **breast** cancer.  
AUTHOR: Doi Masakazu(a); Ishii Seiichiro; Takayama Shin; Ikeda Tadashi; Masamura Shigeru; Kitajima Masaki  
AUTHOR ADDRESS: (a)Kawasaki City Hospital, Kawasaki\*\*Japan  
JOURNAL: Proceedings of the American Association for Cancer Research Annual Meeting 42p796 March, 2001  
MEDIUM: print  
CONFERENCE/MEETING: 92nd Annual Meeting of the American Association for Cancer Research New Orleans, LA, USA March 24-28, 2001  
ISSN: 0197-016X  
RECORD TYPE: Citation  
LANGUAGE: English

2/7/13 (Item 13 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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13261532 BIOSIS NO.: 200100468681  
Anti-metastatic efficacy mediated by peptidomimetic **alphaVbeta3** integrin antagonists in orthotopic and experimental models.  
AUTHOR: Griggs David William(a); Shannon Kristen E(a); Keene Jeffery L(a); Settle Steven L(a); Duffin Tiffany D(a); Nickols Maureen A(a); Schroeter Sally(a); Nickols G Allen(a); Westlin William F(a)  
AUTHOR ADDRESS: (a)Pharmacia Discovery Research, Saint Louis, MO\*\*USA  
JOURNAL: Proceedings of the American Association for Cancer Research Annual Meeting 42p263 March, 2001  
MEDIUM: print  
CONFERENCE/MEETING: 92nd Annual Meeting of the American Association for Cancer Research New Orleans, LA, USA March 24-28, 2001  
ISSN: 0197-016X  
RECORD TYPE: Citation  
LANGUAGE: English  
SUMMARY LANGUAGE: English

2/7/57 (Item 3 from file: 73)  
DIALOG(R)File 73:EMBASE  
(c) 2003 Elsevier Science B.V. All rts. reserv.

11466229 EMBASE No: 2002037721  
Role of **alphavbeta3** integrin receptors in **breast** tumor  
Sengupta S.; Chattopadhyay N.; Mitra A.; Ray S.; Dasgupta S.; Chatterjee A.  
Dr. A. Chatterjee, Department of Receptor Biology, Chittaranjan Natl. Cancer Institute, 37, S.P. Mukherjee Road, Calcutta - 700026 India  
AUTHOR EMAIL: cncist@giasclic101.vsnl.net.in  
Journal of Experimental and Clinical Cancer Research ( J. EXP. CLIN. CANCER RES. ) (Italy) 2001, 20/4 (585-590)  
CODEN: JECRD ISSN: 0392-9078  
DOCUMENT TYPE: Journal ; Article  
LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH  
NUMBER OF REFERENCES: 30

The intriguing problem of tumor metastasis involves adhesion of the metastatic cells via the integrin group of cell surface receptors to the

ECM proteins of the basement membrane. Modulation of integrin family of cell surface receptors is believed to be associated with stages of tumor metastasis. In this present study, results obtained indicate that **alphavbeta3** vitronectin receptors may play an important role in the malignant behaviour of human **breast** tumor, **alphavbeta3** integrin receptors can modulate the activity of collagenase enzyme and thereby the invasive property of **breast** tumor cells.

2/7/62 (Item 8 from file: 73)  
DIALOG(R)File 73:EMBASE  
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07358010 EMBASE No: 1998248371  
Anti-angiogenesis compounds in clinical trials  
European Journal of Cancer ( EUR. J. CANCER ) (United Kingdom) 1998,  
34/8 (1137)  
CODEN: EJCAE ISSN: 0959-8049  
DOCUMENT TYPE: Journal; Note  
LANGUAGE: ENGLISH

2/7/66 (Item 12 from file: 73)  
DIALOG(R)File 73:EMBASE  
(c) 2003 Elsevier Science B.V. All rts. reserv.

06277001 EMBASE No: 1995307430  
Antiintegrin **alphavbeta3** blocks human **breast** cancer growth  
and angiogenesis in human skin  
Brooks P.C.; Stromblad S.; Klemke R.; Visscher D.; Sarkar F.H.; Cheresch  
D.A.  
Dept. of Immunology/Vascular Biology, Scripps Research Institute, 10666  
North Torrey Pines Road, San Diego, CA 82037 United States  
Journal of Clinical Investigation ( J. CLIN. INVEST. ) (United States)  
1995, 96/4 (1815-1822)  
CODEN: JCINA ISSN: 0021-9738  
DOCUMENT TYPE: Journal; Article  
LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH

Angiogenesis plays a fundamental role in human **breast** tumor progression. In fact, recent findings indicate that vascular density is a prognostic indicator of **breast** cancer disease status. Evidence is presented that the integrin **alphavbeta3** is not only a marker of human **breast** tumor-associated blood vessels, but that it plays a significant role in human angiogenesis and **breast** tumor growth. To assess the role **alphavbeta3**-dependent angiogenesis in the progression of human **breast** cancer, we examined a SCID mouse/human chimeric model with transplanted full thickness human skin containing **alphavbeta3**-negative human **breast** tumor cells. This tumor induced a human angiogenic response as measured by vascular cell immunoreactivity with monoclonal antibodies **LM609** and P2B1 directed to human **alphavbeta3** and CD31, respectively. Intravenous administration of **LM609** either prevented tumor growth or markedly reduced tumor cell proliferation within the microenvironment of the human skin. These **LM609**-treated tumors not only contained significantly fewer human blood vessels but also appeared considerably less invasive than tumors in control animals. These findings demonstrate that **alphavbeta3** antagonists may provide an effective antiangiogenic approach for the treatment of human **breast** cancer.

2/7/77 (Item 1 from file: 399)  
DIALOG(R)File 399:CA SEARCH(R)  
(c) 2003 American Chemical Society. All rts. reserv.

137076797 CA: 137(6)76797h JOURNAL  
Role of .alpha.v.beta.3 integrin receptors in breast tumor  
AUTHOR(S): Sengupta, S.; Chattopadhyay, N.; Mitra, A.; Ray, S.; Dasgupta, S.; Chatterjee, A.  
LOCATION: Dept. of Receptor Biology and Tumor Metastasis, Chittaranjan National Cancer Institute, Calcutta, India  
JOURNAL: J. Exp. Clin. Cancer Res. (Journal of Experimental & Clinical Cancer Research) DATE: 2001 VOLUME: 20 NUMBER: 4 PAGES: 585-590  
CODEN: JECRDN ISSN: 0392-9078 LANGUAGE: English PUBLISHER: Regina Elena Institute for Cancer Research  
SECTION:  
CA214001 Mammalian Pathological Biochemistry  
IDENTIFIERS: alphavbeta3 integrin receptor breast tumor  
DESCRIPTORS:  
Mammary gland...  
adenocarcinoma; role of .alpha.v.beta.3 integrin receptors in breast tumor  
Vitronectin...  
adhesion to; role of .alpha.v.beta.3 integrin receptors in breast tumor in relation to  
Integrins...  
.alpha.v.beta.3; role of .alpha.v.beta.3 integrin receptors in breast tumor  
Basement membrane...  
invasion; role of .alpha.v.beta.3 integrin receptors in breast tumor in relation to  
Cell migration...  
Matrigel invasion; role of .alpha.v.beta.3 integrin receptors in breast tumor in relation to  
Mammary gland...  
neoplasm, metastasis; role of .alpha.v.beta.3 integrin receptors in breast tumor in relation to  
Mammary gland...  
neoplasm; role of .alpha.v.beta.3 integrin receptors in breast tumor  
Human...  
role of .alpha.v.beta.3 integrin receptors in breast tumor  
Cell adhesion...  
role of .alpha.v.beta.3 integrin receptors in breast tumor in relation to  
CAS REGISTRY NUMBERS:  
146480-35-5 role of .alpha.v.beta.3 integrin receptors in breast tumor in relation to  
9002-04-4 stimulation; role of .alpha.v.beta.3 integrin receptors in breast tumor in relation to  
9001-12-1 66-KD; role of .alpha.v.beta.3 integrin receptors in breast tumor in relation to  
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